

CLAIMS

1. A method of manufacturing an image display,
comprising the step of sticking an adhesive optical film to a
5 surface of a panel substrate of an image display panel having a
scratch that can cause a display defect, wherein

the adhesive optical film comprises an optical film and a
pressure-sensitive adhesive layer that is provided on one side of
the optical film so as to be stuck to the panel substrate, and

10 the adhesive optical film is selected and applied according
to the image display panel such that the formula: $Y \times (0.97X + 0.45) > 0.19Z - 0.006$ is satisfied, wherein

X (mm) is an amount of creep displacement one hour after a
load of 500 g is applied at 23°C to a 10 mm square of an adhesion
15 area of the adhesive optical film stuck to the panel substrate,

Y (mm) is an thickness of the pressure-sensitive adhesive
layer of the adhesive optical film, and

Z (mm) is a half length of the length of long side of the
scratch of the surface of the panel substrate of the image display
20 panel.

2. An image display manufactured by the method of
according to Claim 1, comprising: a panel substrate of an image
display panel, wherein a surface of the panel substrate has an
25 scratch that can cause a display defect; and an adhesive optical

film according to the image display panel is stuck to the surface of the panel substrate of the image display panel.

3. An adhesive optical film for applied to the method of manufacturing an image display of according to Claim 1, comprising an optical film and a pressure-sensitive adhesive layer that is provided on one side of the optical film so as to be stuck to a panel substrate of an image display panel, wherein

the adhesive optical film satisfies the formula:

$Y \times (0.97X + 0.45) > 0.19Z - 0.006$, wherein

X (mm) is an amount of creep displacement one hour after a load of 500 g is applied at 23°C to a 10 mm square of an adhesion area of the adhesive optical film stuck to the panel substrate,

Y (mm) is an thickness of the pressure-sensitive adhesive layer of the adhesive optical film, and

Z (mm) is an half length of the length of long side of the scratch of the surface of the panel substrate of the image display panel.